

PAT-NO: JP408116456A
DOCUMENT-IDENTIFIER: JP 08116456 A
TITLE: IMAGE PROCESSING UNIT
PUBN-DATE: May 7, 1996

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APPL-NO: JP06277029

APPL-DATE: October 17, 1994

INT-CL (IPC): H04N001/46, G06T001/00 , H04N009/79

ABSTRACT:

PURPOSE: To convert a specific CMYK signal into other CMYK signal with high accuracy equal to 4-input as conversion accuracy through simple configuration equal to the 3-input correspondence for a table size and interpolation configuration of a conversion table reference color conversion means.

CONSTITUTION: A CiMiYi signal in a CiMiKi signal being a specific CMYK signal is converted into a Co, Mo, Yo signal in a CoMoYoKo signal being other CMYK signal by 3-dimension LUT color converters 12, 13, 14. The gradation of a Ki signal in the CiMiYiKi signal is converted into a Ko signal in the CoMoYoKo signal by a linear LUT 21.

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